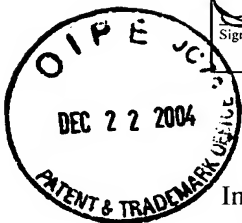


I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on December 16, 2004

Name Theresa Alexander  
Signature Theresa Alexander

IFW  
\$



P&G Case 9080R

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of :  
JOHN GEOFFREY CHAN : Confirmation No. 5238  
Serial No. 10/730,850 : Group Art Unit 1744  
Filed December 8, 2003 : Examiner

For MODULAR ELECTRIC TOOTHBRUSHES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made on the attached Form PTO/SB08 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO/SB08 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

**[X] 37 C.F.R. §1.97(b)(3) - (use when filing IDS more than 3 months after filing a nonprovisional patent application, but prior to receipt of first Office Action)**

This information disclosure statement is being submitted under 37 C.F.R. §1.97(b)(3). Applicants have not received an Office Action on the merits in the present application. Therefore, no fee is believed to be due. However, in the event that this paper is crossing in the mail with a first Office Action on the merits, authorization is hereby given to charge the required fee pursuant to 37 C.F.R. §1.97(c) and 37 C.F.R. §1.17(p) to Deposit Account No. 16-2480 in the name of The Procter & Gamble Company. A duplicate of this letter (or a fee transmittal form) is enclosed to facilitate charging of the fee, if necessary.

12/27/2004 MHEKONEN 00000038 162480 10730850

01 FC:1806 180.00 DA

**ADDITIONAL ITEMS TO BE NOTED BY THE EXAMINER:**

**[X]** (2) (For use with applications filed after June 30, 2003.) In accordance with 37 C.F.R. §1.98(a)(2), Applicants are submitting copies of foreign patent documents and non-patent literature.

**[X]** (4) Copies of all said documents, except Cite Numbers: 48, 63-73, 94, 95, and 105, were submitted and considered in parent application U.S. Patent Application Serial No. 10/274,700, filed October 21, 2002. Applicant(s) claim priority to said application under 35 U.S.C. §120. Accordingly, copies of previously submitted references are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). Copies of references not previously submitted are enclosed. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

**[X]** (6) Applicants also respectfully request the Examiner to consider and make of record the co-pending applications listed on the attached page.

**[X]** A copy of the International Search Report is enclosed.

Respectfully submitted,

By

James C. Vago  
Attorney for Applicant  
Registration No. 40,855  
(513) 622-4433

Date: December 16 2004  
Customer No. 27752

**CO-PENDING U.S. APPLICATIONS**

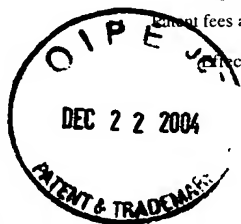
<u>Atty. Docket No.</u>	<u>Serial Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>
9080	10/274,700	John Geoffrey Chan	10/21/2002



# FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Effective December 8, 2004



## Complete if Known

Application Number	10/730,850
Confirmation Number	5238
Filing Date	December 8, 2003
First Named Inventor	John Geoffrey Chan
Examiner Name	
Art Unit	1744
Attorney Docket No.	9080R

TOTAL AMOUNT OF PAYMENT (\$180.00)

## METHOD OF PAYMENT

1. ☒ The Director is hereby authorized to charge indicated fees submitted on this form, credit any over payments, and charge any additional fee(s) during the pendency of this application to:

Deposit Account Number: 16-2480

Deposit Account Name: The Procter & Gamble Company

## FEE CALCULATION

### 1. BASIC FILING FEE - Large Entity

Fee Description	Fee Paid
Utility filing, examining, and searching fees (\$1000)	<input type="checkbox"/>
Design filing, examining and searching fees (\$430)	<input type="checkbox"/>
Reissue filing, examining and searching fees (\$1400)	<input type="checkbox"/>

### 2. APPLICATION SIZE FEE

Sheets of Spec and Drawings ☐

(\$250 for each 50 sheets in excess of 100, except

for sequence and program listings)

SUBTOTAL (1) (\$)☐

### 3. EXTRA CLAIM FEES FOR UTILITY AND REISSUE - Large Entity

	Extra Claims	Fee from Below	Fee Paid
Total Claims <input type="checkbox"/> - 20** =	<input type="checkbox"/> x	<input type="checkbox"/>	= <input type="checkbox"/>
Independent Claims <input type="checkbox"/> - 3** =	<input type="checkbox"/> x	<input type="checkbox"/>	= <input type="checkbox"/>
Multiple Dependent		<input type="checkbox"/>	= <input type="checkbox"/>

\*\* or number previously paid, if greater; For Reissues, see below

### Fee Description

Claims in excess of 20 (\$50 per claim)

Independent claims in excess of 3 (\$200 per claim)

Multiple dependent claim, if not paid (\$360)

\*\*Reissue: each independent claim over 3 and more than in the original patent (\$200 per claim)

\*\*Reissue claims: each claim over 20 and more than original patent (\$50 per claim)

SUBTOTAL (2) (\$)☐

## FEE CALCULATION (continued)

### 4. ADDITIONAL FEES

Fee Description	Fee Paid
Extension for reply within 1 <sup>st</sup> month (\$120)	<input type="checkbox"/>
Extension for reply within 2 <sup>nd</sup> month (\$450)	<input type="checkbox"/>
Extension for reply within 3 <sup>rd</sup> month (\$1,120)	<input type="checkbox"/>
Extension for reply within 4 <sup>th</sup> month (\$1,590)	<input type="checkbox"/>
Extension for reply within 5 <sup>th</sup> month (\$2,160)	<input type="checkbox"/>
Information Disclosure Statement fee (\$180)	<input checked="" type="checkbox"/>
37 CFR 1.17 (q) processing fee (\$50)	<input type="checkbox"/>
Non-English specification (\$130)	<input type="checkbox"/>
Notice of Appeal (\$500)	<input type="checkbox"/>
Filing a brief in support of an appeal (\$500)	<input type="checkbox"/>
Request for oral hearing (\$1,000)	<input type="checkbox"/>

Acceptance of unintentionally delayed claim for priority under 35 U.S.C. 119, 120, 121, or 365 (a) or (c) (\$1,370)

Other: ☐

\* Reduced by Basic Filing Fee Paid SUBTOTAL(3) (\$)☐

## SUBMITTED BY

Name (Print/Type)	James C. Vago	Registration No.	40,855	Complete (if applicable)	
Signature		(Attorney/Agent)		Telephone	(513) 622-4433
				Date	12/16/2004

This collection of information is required by 37 CFR 1.17. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box → [ + ]

PTO/SB08A (08-03)

U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

<p style="text-align: center;">Substitute for form 1449A/PTO</p> <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p> <p>SHEET 1 of 4</p>	<p style="text-align: center;"><b>COMPLETE IF KNOWN</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Application Number</td> <td>10/730,850</td> </tr> <tr> <td>Confirmation Number</td> <td>5238</td> </tr> <tr> <td>Filing Date</td> <td>December 9, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>John Geoffrey Chan</td> </tr> <tr> <td>Group Art Unit</td> <td>1744</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>9080R</td> </tr> </table>	Application Number	10/730,850	Confirmation Number	5238	Filing Date	December 9, 2003	First Named Inventor	John Geoffrey Chan	Group Art Unit	1744	Examiner Name		Attorney Docket Number	9080R
Application Number	10/730,850														
Confirmation Number	5238														
Filing Date	December 9, 2003														
First Named Inventor	John Geoffrey Chan														
Group Art Unit	1744														
Examiner Name															
Attorney Docket Number	9080R														

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-D 476486	07-01-2003	Whitney, et al	
	2	US-D 433814	11-21-2000	Blaustein, et al	
	3	US-D 432312	10-24-2000	Blaustein, et al	
	4	US-D 465088	11-05-2002	Blaustein, et al	
	5	US-D 459584	07-02-2002	Blaustein, et al	
	6	US-D 459894	07-09-2002	Blaustein, et al	
	7	US-D 459895	07-09-2002	Blaustein, et al	
	8	US-D 456998	05-14-2002	Blaustein, et al	
	9	US-D 457728	05-28-2002	Blaustein, et al	
	10	US-D 458030	06-04-2002	Blaustein, et al	
	11	US-D 458455	06-11-2002	Blaustein, et al	
	12	US-D 461642	08-20-2002	Blaustein, et al	
	13	US-D 476486	07-01-2003	Whitney, et al	
	14	US-D 483182	12-09-2003	Blaustein, et al	
	15	US-3,524,088	08-11-1970	Ryckman, Jr.	
	16	US-3,775,800	12-04-1973	Veneziani	
	17	US-4,156,620	05-29-1979	Clemens	
	18	US-4,827,550	05-09-1989	Graham et al	
	19	US 4,845,795	07-11-1989	Crawford et al	
	20	US 4,989,287	02-05-1991	Scherer	
	21	US-5,033,150	07-23-1991	Gross et al	
	22	US-5,226,206	07-13-1993	Davidovitz, et al	
	23	US 5,253,382	10-19-1993	Beny	
	24	US-5,353,460	10-11-1994	Bauman	
	25	US-5,359,747	11-01-1994	Amakasu	
	26	US-5,448,792	09-12-1995	Wiedemann et al	
	27	US-5,504,959	04-09-1996	Yukawa et al	
	28	US-5,617,601	04-08-1997	McDougall	
	29	US-5,836,030	11-17-1998	Hazeu et al	
	30	US 5,842,245	12-01-1998	Pai	
	31	US-5,876,206	03-02-1999	Mauer	
	32	US-6,000,083	12-14-1999	Blaustein, et al	
	33	US-6,189,693	02-20-2001	Blaustein, et al	
	34	US-6,178,579	01-30-2001	Blaustein, et al	
	35	US-6,237,178	05-29-2001	Krammer et al	
	36	US-6,314,605 B1	11-13-2001	Solanki, et al	

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 2 of 4

## COMPLETE IF KNOWN

Application Number	10/730,850
Confirmation Number	5238
Filing Date	December 9, 2003
First Named Inventor	John Geoffrey Chan
Group Art Unit	1744
Examiner Name	
Attorney Docket Number	9080R

## U. S. PATENT DOCUMENTS

	37	US-6,360,395	03-26-2002	Blaustein, et al	
	38	US-6,371,294	04-16-2002	Blaustein, et al	
	39	US-6,564,940	05-20-2003	Blaustein, et al	
	40	US-6,546,585	04-15-2003	Blaustein, et al	
	41	US-6,581,233	06-24-2003	Cheng, et al	
	42	US-6,311,837	11-06-2001	Blaustein, et al	
	43	US-2002/0162180A1	11-07-2002	Blaustein, et al	
	44	US-2001/0022277	09-20-2001	Blaustein, et al	
	45	US-2002/0020645	02-21-2002	Blaustein, et al	
	46	US-2002/0029988	03/14/2002	Blaustein, et al	
	47	US-2002/0032941	03-21-2002	Blaustein, et al	
	48	US-2002/0078514	06-27-2002	Blaustein, et al	
	49	US-2003/0140435 A1	07-31-2003	Eliav et al	
	50	US-2003/0226223A1	12-11-2003	John Geoffrey Chan	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	FOREIGN PATENT DOCUMENT Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	51	CA 1082408	07-29-1980	Clemens		Y
	52	CA 1191003	07-30-1985	Fattalen		Y
	53	CA 96826	07-31-2002	Procter & Gamble		Y
	54	CA 985975	03-26-1976	Sunbeam		Y
	55	CN 2274947	02-25-1998	BAI Zongren		A
	56	DE 1244709	07-20-1967	General Electric		Y
	57	DE 29517610	04-24-1997	Wik Elektro-Hau		A
	58	EP 054043	11-06-1985	Hunter		Y
	59	EP 651978	10-07-1995	McDougall		Y
	60	FR 1357566	04-03-1964	Thomson Houston		A
	61	FR 1357570	04-03-1964	Thomson Houston		A
	62	FR 1414679	09-06-1965	Aymar Julian Robert		A
	63	FR 2368854	05-19-1978	SEB SA		A
	64	GB 1240438	07-21-1971	General Electric		Y
	65	GB 1293876	10-25-1972	Sunbeam Corp		Y
	66	GB 1583558	01-28-1981	George Clemens,		Y
	67	GB 2005999	05-02-1979	Toshio Moriyama		Y
	68	GB 2089042	03-28-2001	Chan, et al		Y
	69	GB 2097844	03-28-2001	Chan, et al		Y
	70	GB 2097845	03-28-2001	Chan, et al		Y

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> <p>SHEET 3 of 4</p>	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/730,850
	Confirmation Number	5238
	Filing Date	December 9, 2003
	First Named Inventor	John Geoffrey Chan
	Group Art Unit	1744
	Examiner Name	
Attorney Docket Number	9080R	

### FOREIGN PATENT DOCUMENTS

71	GB 2094145	03-31-2001	Chan, et al		Y
72	GB 3004568	09-12-2003	Chan, et al		Y
73	GB 3014060	09-12-2003	Chan, et al		Y
74	GB 3004567	09-12-2003	Chan, et al		Y
75	GB 3014059	09-12-2003	Chan, et al		Y
76	GB 3008453	05-20-2003	Chan, et al		Y
77	GB 3006685	10-07-2003	Whitney, et al		Y
78	GB 3006686	10-07-2003	Whitney, et al		Y
79	JP 5-146313	06-15-1993	Ricoh		A
80	JP 5-146314	06-15-1993	Matsushita Electric		A
81	JP 5-269024	10-19-1993	Matsushita Electric		A
82	JP 6-121710	05-06-1994	Seikosha Co LTD		A
83	JP 6-189822	07-12-1994	A to Z Technol		A
84	JP 6-245819	09-06-1994	Seikosha Co Ltd		A
85	JP 6-245820	09-06-1994	Seikosha Co Ltd		A
86	JP 7-93892	10-11-1995	Seikosha Co. Ltd		A
87	JP 7-116020	05-09-1995	Seikosha Co Ltd		A
88	JP 7-116024	05-09-1995	Matsushita Electric		A
89	JP 8-000356	01-09-1996	Seikosha Co Ltd		A
90	JP 8-103331	04-23-1996	Rozensutaa		A
91	JP 2540444	04-18-1997	Ricoh Elemex Corp		A
92	JP 2719556	11-21-1997	Seiko Precision Co.		A
93	JP 2804940	07-24-1998	Terruuchi Hideo		A
94	JP 2811246	08-07-1998	Ricoh Elemex Corp		A
95	JP 3005608	11-26-1999	Seiko Precision Inc		A
96	JP 3045412	03-17-2000	Kyushu Hitachi		A
97	JP 1149976	06-21-2002	Nippon Furitsuto		A
98	JP 2656178	05-30-1997	Tokyo Electric Co Ltd		A
99	KR 125188	10-02-1997			A
100	KR 1997-0000408	01-21-1997			A
101	KR 1997-0000409	01-21-1997			A
102	TW 26360	1967			A
103	TW 212909	09-11-1993	EPI Product Co.		Y
104	WO 91/13570	09-19-1991	EPI Product Co		Y
105	WO 96/09019	03-28-1996	Anmelder		Y
106	WO 96/10373	04-11-1996	Anmelder		Y

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)  SHEET 4 of 4	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/730,850
	Confirmation Number	5238
	Filing Date	December 9, 2003
	First Named Inventor	John Geoffrey Chan
	Group Art Unit	1744
	Examiner Name	
	Attorney Docket Number	9080R

### FOREIGN PATENT DOCUMENTS

	107	WO 96/38100	12-05-1996	Anmelder		Y
	108	WO 03/039396A1	05-15-2003	Procter & Gamble		Y
	109	WO 03/082049A1	10-09-2003	Colgate		Y
	110	WO 03/082050A1	10-09-2003	Colgate		Y
	111	AU 733458	03-01-2001	Perfect Steam Appliance		Y

### NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
<b>EXAMINER</b>			<b>DATE CONSIDERED</b>

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**